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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,263	07/08/2003	Patrice Savini	TI-35374	8130
23494 7590 04/20/2007 TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 DALLAS, TX 75265			EXAMINER SHAN, APRIL YING	
			ART UNIT 2135	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/20/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/615,263	Applicant(s) SAVINI, PATRICE	
	Examiner April Y. Shan	Art Unit 2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. The Applicant's amendment, filed 24 January 2007, has been received, entered into the record, and respectfully and fully considered.
2. As a result of the amendment, claims 1-3, 7-10 and 14 have been amended. Claims 1-14 are now presented for examination.
3. Any objections or rejections not repeated below for record are withdrawn due to Applicant's amendment/explanation.

Double Patenting

4. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

5. Claims 1, 3, 7-8, 10 and 14 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1 and 12 of co-

Art Unit: 2135

pending application 10/615,103. (The examiner allows the co-pending application 10/615,103). Although the conflicting claims are not identical, they are patentably distinct from each other (See Claim-Comparison Table below), the added limitation to claims 1, 3, 7, 10 and 14 a of the instant application only disclose a remote display which is obvious to one of ordinary skill in the art and well known that a remote display goes back and displays at the partner location. Further, the new limitations "multiple" and "isolated" are added to claims 3, 7, 10 and 14, which do not add patentable weight to be distinct from co-pending application 10/615,103. Furthermore, on page 17 of the remark of the co-pending application 10/615,103 (The examiner allows the co-pending application 10/615,103), the applicant clearly set forth "**This application is directed to an improvement of the related application serial no. 10/615,263...** The improvement a license proxy software that is provided that will act as a relay agent and route all connections from contractor zone into the Intranet". Additionally, any other limitations of the instant application are all anticipated by the allowed application 10/615,103. Therefore, Claims 1, 3, 7-8, 10 and 14 of the instant application are not patentably distinct from the co-pending application 10/615,103 and as such are unpatentable for obvious-type double patenting (*In re Goodman (CAFC) 29 USPQ2D 2010 (12/3/1993)*).

Claim-Comparison Table

Claim	Application 10/615,103	Claim	Application 10/615,263

1	<p>A method for providing secure access of a partner to the development environment of an owner comprising the steps of: starting a VPN tunnel between workstations to establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password; starting a session by the partner in a Web page on a portal machine that authenticates through LDAP a user identification and password of user; routing the session to an engagement box depending on the user where the engagement boxes each include a server with an operating system and are on</p>	1	<p>A method for providing secure access of a partner to the development environment of another partner comprising the steps of: starting a VPN tunnel between workstations to establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password; starting a session by the partner in a Web page on a portal machine that authenticates through LDAP the user identification and password of a user; routing the session to an engagement box depending on the user where the engagement box includes a server with an operating system and are on</p>
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<p>network segments separated by firewall boxes with another logon/password and is validated through second LDAP and wherein all users of the same partner are all launching on the same engagement box;</p> <p>accessing data and applications from an engagement box on Network File system storage authenticated second LDAP to a design zone common resource of said owner with a big compute farm composed of many high-end servers in a secure way; submitting batch or interactive jobs to said design zone; and providing for each application host in said design zone a highly secure access to EDA licenses from license servers with dynamically changing access port of said owner</p>	<p>network segments separated by firewall boxes with another logon/password and is validated thru second LDAP and wherein all users of the same partner are all launching on the same engagement box;</p> <p>accessing data and applications from that engagement box on Network File system storage authenticated second LDAP to get benefit a common resource segment of a big compute farm composed of many high-end servers in a secure way; submitting batch or interactive jobs to said server farm on a common resource segment so data input and data output on the server farm remains on the common resource segment; and a display is sent back to appropriate partner's</p>
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	inside an Intranet of said owner without opening all such access ports for all hosts and creating a security risk comprising the steps of: providing a license proxy server in said design zone that dynamically determines the address of the changing access ports of the license servers in said Intranet; and said application hosts inside said design zone contacting the license proxy server which in turn fetches the appropriate EDA licenses from said license servers in said Intranet of said owner.		engagement box and then a remote display at the partner location.
12	A system for providing a secure access of one or more partners to the development environment of an owner comprising: Means for starting a VPN tunnel	8	A system for providing highly secure access of a partner to the development environment of another partner comprising: Means for providing a VPN tunnel

<p>between workstations to establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password;</p> <p>Means for starting a session by the partner in a Web page on a portal machine that authenticates through LDAP (Lightweight Directory Access Protocol) a user identification and password of a user;</p> <p>Means for routing the session to an engagement box depending on the user where the engagement boxes each</p> <p>include a server with a user where the engagement boxes each</p> <p>include a server with an operating system and are on network segments separated by firewall boxes with another</p>	<p>between workstations to establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password;</p> <p>Means for starting a session by the partner in a Web page on a portal machine that authenticates thru LDAP user identification and password of a user;</p> <p>Means for routing the session to an engagement box depending on the person where engagement boxes</p> <p>including</p> <p>said engagement box</p> <p>including a server with an operating system are on network segments separated by firewall boxes with another</p>
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<p>logon/password and is validated</p> <p>through LDAP and wherein all</p> <p>users of the same partner are all</p> <p>launching on the same</p> <p>engagement box;</p> <p>Means for accessing data and</p> <p>applications from an engagement</p> <p>box on Network File system</p> <p>storage authenticated second</p> <p>LDAP to a design zone common</p> <p>resource of said owner with a big</p> <p>compute farm composed of many</p> <p>high-end servers in a secure way;</p> <p>Means for submitting batch or</p> <p>interactive jobs to said design zone;</p> <p>and</p> <p>Means for providing for each</p> <p>application host in said design zone</p> <p>a highly secure access to EDA</p> <p>licenses from license servers with</p> <p>dynamically changing access ports</p> <p>of said owner inside an Intranet of</p>	<p>logon/password and is validated</p> <p>thru second LDAP and wherein all</p> <p>users of the same partner are all</p> <p>launching on the same</p> <p>engagement box;</p> <p>means for accessing data and</p> <p>applications from that engagement</p> <p>box on Newtwork File system</p> <p>storage authenticated second</p> <p>LDAP to get benefit of</p> <p>a big</p> <p>compute farm composed of many</p> <p>high-end servers in a secure way.</p>
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	<p>said owner without opening all such access ports for all hosts and creating security risk comprising:</p> <p>A license proxy server in said design zone that determines the dynamically changing access ports of the license servers in said Intranet; and said application hosts inside said design zone contacting the license proxy server which in turn fetches the appropriate EDA licenses from said licenses servers in said Intranet of said owner.</p>		
1	<p>A method for providing secure access of a partner to the development environment of an owner comprising the steps of: starting a VPN tunnel between workstations to establish a secure encrypted tunnel end to end wherein</p>	3, 7	<p>A method of enabling a collaborative network with partners without compromising Intellectual Property comprising the steps of: starting a VPN tunnel between workstations to establish a secure encrypted tunnel end to end wherein</p>

<p>each partner is identified with a different VPN group/password; starting a session by the partner in a Web page on a portal machine that authenticates through LDAP a user identification and password of user; routing the session to an engagement box depending on the user where the engagement boxes each include a server with an operating system and are on network segments separated by firewall boxes with another logon/password and is validated through second LDAP and wherein all users of the same partner are all launching on the same engagement box; accessing data and applications from an engagement box on</p>	<p>each partner is identified with a different VPN group/password; starting a session by the partner in a Web page on a portal machine that authenticates through LDAP user identification and password of a user; routing the session to an engagement box depending on the user where the engagement boxes each include a server with an operating system and are on network segments separated by firewall boxes with another logon/password and is validated thru second LDAP and wherein all users of the same partner are all launching on the same engagement box; accessing data and applications from that engagement box on</p>
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<p>Network File system storage</p> <p>authenticated second LDAP</p> <p>to a design zone common</p> <p>resource of said owner with a big</p> <p>compute farm composed of many</p> <p>high-end servers in a secure way;</p> <p>submitting batch or interactive</p> <p>jobs to said design zone; and</p> <p>providing for each application host</p> <p>in said design zone a highly secure</p> <p>access to EDA licenses from</p> <p>license servers with dynamically</p> <p>changing access port of said owner</p> <p>inside an Intranet of said owner</p> <p>without opening all such access</p> <p>ports for all hosts and creating a</p> <p>security risk comprising the steps</p> <p>of: providing a license proxy server</p> <p>in said design zone that dynamically</p> <p>determines the address of the</p> <p>changing access ports of the</p> <p>license servers in said Intranet; and</p>	<p>Network File system storage</p> <p>Authenticated second LDAP to get</p> <p>benefit of a common</p> <p>resource zone a big</p> <p>compute farm composed of many</p> <p>high-end servers in a secure way</p> <p>submitting batch or interactive</p> <p>jobs to a server on said common</p> <p>resource computing zone so data</p> <p>input and data output on the server on</p> <p>said common resource remains on</p> <p>said common resource computing</p> <p>zone but just a remote display is going</p> <p>back to the engagement box of the</p> <p>partner and then remote display at the</p> <p>partner location</p>
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	<p>said application hosts inside said design zone contacting the license proxy server which in turn fetches the appropriate EDA licenses from said license servers in said Intranet of said owner.</p>		
12	<p>A system for providing a secure access of one or more partners to the development environment of an owner comprising:</p> <p>Means for starting a VPN tunnel between workstations to establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password;</p> <p>Means for starting a session by the partner in a Web page on a portal machine that authenticates through LDAP (Lightweight</p>	10, 14	<p>A system for enabling collaboration by an owner of a collaborative network with partners such as sub-contractors, customers...comprising:</p> <p>Means for providing a VPN tunnel Between workstations to Establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password;</p> <p>Means for starting a session by The partner in a Web page on a Portal machine that authenticates Thru LDAP</p>

<p>Directory Access Protocol) a user identification and password of a user;</p> <p>Means for routing the session to an engagement box depending on the user where the engagement boxes each include a server with a user where the engagement boxes each include a server with an operating system and are on network segments separated by firewall boxes with another logon/password and is validated through second LDAP and wherein all users of the same partner are all launching on the same engagement box;</p> <p>Means for accessing data and applications from an engagement box on Network File system storage authenticated second</p>	<p>user identification and password of a user;</p> <p>means for routing the session to an engagement box depending on the person where the engagement boxes each include a server with a user where the engagement boxes each include a server with an operating system and are on network segments separated by firewall boxes with another logon/password and is validated through second LDAP and wherein all users of the same partner are all launching on the same engagement box;</p> <p>Means for accessing data and applications from an engagement box on Network File system storage authenticated second</p>
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<p>LDAP to a design zone common resource of said owner with a big compute farm composed of many high-end servers in a secure way, Means for submitting batch or interactive jobs to said design zone; and</p> <p>Means for providing for each application host in said design zone a highly secure access to EDA licenses from license servers with dynamically changing access ports of said owner inside an Intranet of said owner without opening all such access ports for all hosts and creating security risk comprising:</p> <p>A license proxy server in said design zone that determines the dynamically changing access ports of the license servers in said Intranet; and said application hosts inside said design zone contacting</p>	<p>LDAP to get benefit of common resource a big compute farm composed of many high-end servers in a secure way. Means for submitting batch or Interactive jobs to a server on said common resource zone</p>
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	the license proxy server which in turn fetches the appropriate EDA licenses from said licenses servers in said Intranet of said owner.		

Allowable Subject Matter

6. This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

7. Claims 1-14 would be allowable by filing a timely Terminal Disclaimer to overcome the Double patenting rejection(s). The reason for allowance is outlined clearly from the record of application 10/165,103, the examiner issues allowance on.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Art Unit: 2135

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to April Y. Shan whose telephone number is (571) 270-1014. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AYS
12 April 2007
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